

BIOS Data Area Information

Set bit and value
(where applicable)

Address*	Description
0408-040F	Parallel printer adapter addresses (LPT 1-4)
0410	Equipment status byte bit 0 1 = disk drives in system bit 1 1 = math coprocessor installed (XT, AT only) bits 4 and/or 5 Initial video mode 11 = 80-column by 25-line monochrome 10 = 80-column by 25-line color 01 = 40-column by 25-line color Number of disk drives in system 00 = 1 01 = 2 10 = 3 11 = 4
0411	Equipment status byte bits 1-3 Number of RS-232 adapters (COM 1-4) bit 4 Game port attached (except on AT systems)
0413	Low byte usable system RAM (K)
0414	High byte usable system RAM (K)
0417	Keyboard status flag byte bit 0 1 = Right Shift key pressed bit 1 1 = Left Shift key pressed bit 2 1 = Control key pressed bit 3 1 = Alternate key pressed bit 4 1 = Scroll Lock active bit 5 1 = Num Lock active bit 6 1 = Caps Lock active bit 7 1 = Insert mode active
0418	Keyboard status byte bit 3 1 = Ctrl-Num Lock toggled bit 4 1 = Scroll Lock active bit 5 1 = Num Lock active bit 6 1 = Caps Lock active bit 7 1 = Insert mode active
0419	Alt-Numeric Keypad input (accumulator)
041A-041B	Keyboard buffer head (word pointer)
041C-041D	Keyboard buffer tail (word pointer)
041E-043D	Keyboard buffer
0449	Current CRT mode
044A	Number of CRT columns
0463-0464	Address of current display adapter
046C-046D	Low word of timer count
046E-046F	High word of timer count

*All addresses are hexadecimal